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County Council of Durham.

BUREAU OF HYGIENE LIBRARY 25 JUL 1935 & TROPICAL DISEASE

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REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE QUARTER ENDED

30TH JUNE, 1935.

VITAL STATISTICS.

1. The Registrar General's estimate of population for this administrative county for mid-year 1934, which has recently been received, is 914,500, and again shows a decrease compared with the previous year, being 3,180 less than his estimate for mid-year 1933.

2. An increase was recorded in the total death-rate during the past quarter, the rate being 12.8 per 1,000 population compared with 11.9 in the previous quarter and 12.2 in the corresponding quarter of last year. The total death-rate for each month of the quarter was April 14.4, May 13.4, and June 10.5, the rates for April and May being higher than those which usually prevail at this time of the year. There appears to be no particular cause of death responsible for this increase, except that it is partly due to the larger number of deaths registered from influenza, the number during the whole of the quarter being 106, of which 92 occurred during April (54) and May (38).

3. The lowest total death-rates during the quarter occurred in the Leadgate (9.4) and Ryton (9.6) urban districts and in the Darlington (10.4) and Lanchester (10.8) rural districts, while the districts with the highest mortality statistics were the Barnard Castle (19.0) and Bishop Auckland (18.9) urban districts and the Stockton (18.2) and Auckland (15.5) rural districts.

4. The death-rate from the seven principal infective diseases was equal to 0.42 per 1,000 population and shows a decrease compared with that for the previous quarter (0.50) and for the corresponding quarter of last year (0.65). In this group of diseases diphtheria was responsible for 46 per cent. of the deaths registered.

5. The infant mortality rate per 1,000 births registered was 70 and shows a satisfactory decrease compared with the rate for the previous quarter, which was 85 per 1,000 births registered. The rate for the past quarter is also slightly lower than that for the corresponding quarter of last year (72).

6. An increase was recorded in the birth-rate during the quarter, the rate being 18.5 per 1,000 population compared with 16.8 in the previous quarter and 18.2 in the corresponding quarter of last year.

INFECTIOUS DISEASES.

7. Scarlet fever, although showing a diminution in the number of notifications compared with the previous quarter, continued prevalent throughout the administrative county. During the quarter 1,311 cases were notified compared with 2,308 during the preceding quarter and 1,555 in the June quarter of last year. Nine deaths were registered from this disease during the quarter compared with 15 in the previous quarter, and 22 in the corresponding quarter of last year.

8. During the quarter 632 cases of diphtheria were notified compared with 1,144 during the previous quarter and 355 in the corresponding quarter of last year. The deaths registered from this disease during the quarter numbered 45 compared with 64 in the previous quarter, and 28 in the June quarter of last year.

9. Twenty-four cases of enteric fever were notified during the quarter compared with 2 in the previous quarter. Of the cases notified 9 occurred in the Houghton-le-Spring Urban District. Three deaths were registered from this disease during the quarter.

10. There were 10 notifications of puerperal fever and 45 notifications of puerperal pyrexia, compared with 5 and 35 respectively in the previous quarter. During the quarter 24 cases were admitted to hospitals under the County Scheme, the services of consultants were requisitioned in 7 cases, and the services of the emergency nurse were utilised in 2 cases.

11. The number of notifications of ophthalmia neonatorum received during the quarter was 35, compared with 23 in the previous quarter, In-patient hospital treatment under the County Scheme was provided in respect of 5 cases.

12. The number of deaths registered from measles during the quarter was 7 compared with 10 in the previous quarter ; while the deaths from whooping cough numbered 8 compared with 11. Diarrhœa and enteritis under two years of age was responsible for 25 deaths during the quarter compared with 15 in the previous quarter.

CLERICAL STAFF.

13. The following members of the clerical staff have been absent from duty on account of sickness :—

G. Duff, from 13th November (special sick leave).
S. Howlett, from 11th to 15th April, inclusive.
Miss F. Robinson, from 29th April to 27th May, inclusive.
Miss M. A. W. Golightly, from 30th April to 2nd May, inclusive.
Miss M. E. Richardson, from 7th May to 2nd June, inclusive.

and I recommend that sick leave with salary be granted in accordance with the county arrangement, less National Health Insurance Benefit, except in the case of G. Duff, whose sick leave terminated on the 30th June.

VACCINATION.

14. No. 46 (Evenwood) District.—Dr. Robert A. Milne, Public Vaccinator for this district, was due to retire on the 31st May, 1935, but in view of the fact that it was deemed advisable that he should continue to act as District Medical Officer in the Public Assistance Service for a further period of six months as from the 1st June, 1935, I have arranged, after consultation with the Chairman of the Health Committee, for Dr. Milne also to continue his services as Public Vaccinator for the same period.

HOUSING ACT, 1930.

15. Copies of Demolition Orders under the above Act have been received from the Houghton-le-Spring Rural District Council in respect of three dwelling-houses.

MILK AND DAIRIES (CONSOLIDATION) ACT. 1915.

16. Return of milk samples submitted by inspectors of weights and measures for bacteriological examination during the quarter ended 30th June, 1935 :—

Total number of samples submitted.	Number in which tubercle bacilli were found.	Number free from tubercle bacilli.	*Number for which report not yet received.
51	1	24	26

* All the 28 samples outstanding at the end of last quarter were found to be free from tubercle bacilli.

DISEASES OF ANIMALS.

TUBERCULOSIS ORDER, 1925.

17. The following statement indicates the work carried out under this Order during the quarter :—

(*a*) Premises examined :

Found free from tuberculosis	11	Total	125
Infected with tuberculosis	114		

(*b*) Animals examined (including 1,777 cows in milk) :

Found free from tuberculosis	2894	Total	3020
With tuberculosis of udder	35		
With tuberculous emaciation	2		
With chronic cough and definite clinical signs of tuberculosis	89		

(*c*) Of the cows in milk (*b*) examined, 122 were reported as diseased, and in 115 cases this was confirmed by post-mortem examination.

(*d*) Animals slaughtered on account of tuberculosis.—Post mortem examination :

Tuberculosis of udder	38	Total	126
Tuberculous emaciation	1		
Otherwise affected with tuberculosis	87		
Free from tuberculosis	—		

(*e*) Samples of milk examined for tubercle bacilli :

Found to contain tubercle bacilli	17	Total	24
Free from tubercle bacilli	7		

MILK AND DAIRIES ORDER, 1926.

(*a*) No. of farms visited by veterinary officers	1330
(*b*) No. of animals examined	14158
(*c*) No. found to be suffering from tuberculosis and slaughtered (also included in (*d*) above)	79
(*d*) No. included under (*c*) which were cows in milk	76
(*e*) Result of post-mortem examinations :	
(i) Found suffering from tuberculosis of the udder...	27
(ii) Found otherwise affected with tuberculosis	52

TREATMENT OF TUBERCULOSIS.

18. I have received the following report from the Central Tuberculosis Medical Officer, and on page 146 will be found a tabulated statement with reference to cases of tuberculosis dealt with during the past quarter :—

(1) The following statement shows the number of cases together with the various forms of treatment recommended :—

Treatment.	*New Cases.*	*Old Cases.*	*Total.*
Domiciliary	8	22	30
Dispensary	56	119	175
Sanatorium	210	80	290
Hospital (Surgical)	16	14	30
Home	31	30	61
Ultra Violet Ray	13	21	34

(2) I submit the following statement with regard to surgical appliances supplied to tuberculous patients on the recommendation of the tuberculosis medical officers :—

Case No.	Description of Appliance.	Cost of Appliance.	Amount Contributed by Patient.	Amount payable by the County Council.
		£ s. d.	£ s. d.	£ s. d.
47088	Walking caliper	1 2 6	...	1 2 6
46209	Adjustments to hip splint, a new patten and pair of crutches	1 5 0	...	1 5 0
28421	Pair of crutch rubbers	0 2 3	...	0 2 3
42831	Right surgical boot...	2 6 0	0 10 0	1 16 0
19982	Repairs to knee splint	1 5 0	...	1 5 0
41250	Repairs to spinal brace	0 7 6	...	0 7 6
42959	Padded plate and insole for boot...	0 6 6	...	0 6 6
46338	Left Thomas' knee splint...	1 10 0	...	1 10 0
21124	Pair of crutches	0 12 3	...	0 12 3
29222	Surgical boot	4 1 6	...	4 1 6
47609	Thomas' knee splint	1 10 0	...	1 10 0
34208	Thomas' hip splint and crutch rubbers	1 17 0	...	1 17 0
36556	Re-padding Chance's spinal support	0 6 6	0 2 6	0 4 0
42978	Pair of crutches	0 12 5	0 6 0	0 6 5
46682	Repairs to Thomas' hip splint and new patten	0 18 3	...	0 18 3
13126	Suspensory bandage	0 2 2	...	0 2 2
49396	Chance's spinal jacket	5 5 0	...	5 5 0
44005	Repairs to spinal brace	0 3 6	...	0 3 6
40326	Pair of elbow crutches	1 5 0	0 5 0	1 0 0
47757	Chance's splint	5 0 0	...	5 0 0
49040	Repairs to splint and patten	0 10 6	0 5 3	0 5 3
23471	Repairs and adjustments to spinal brace	0 3 6	...	0 3 6
40826	Spinal jacket	5 0 0	1 0 0	4 0 0
35648	Pair of crutches	0 12 2	...	0 12 2
46276	Right Thomas' hip splint...	1 12 6	...	1 12 6
	TOTALS ...	37 17 0	2 8 9	35 8 3

(3) ADMISSIONS TO SANATORIA AND HOSPITALS.—The number admitted to sanatoria and other residential institutions was 291 (including 25 who had previously received institutional treatment), as against 271 in the last quarter, and the total number receiving residential treatment on the 30th June was 550 as against 560 at the end of last quarter. This number includes 28 discharged service men. The distribution of these cases in the several institutions is as follows :—

(4) SANATORIA—TUBERCULOSIS HOSPITALS :—

	Males.	Females.
Holywood Hall Sanatorium, Wolsingham...	169	—
Sunderland Tuberculosis Hospital	—	26
Stannington Children's Sanatorium	20	79
Helmington Row Tuberculosis Hospital	11	—
Tindale Crescent Tuberculosis Hospital	—	11
Preston Hall Colony	2	—
Earl's House Sanatorium, Durham...	79	—
Seaham Hall Sanatorium	—	121
Totals	281	237

(5) GENERAL HOSPITALS :—

	Males.	Females.
Children's Hospital, Gateshead	5	6
Royal Victoria Infirmary, Newcastle-on-Tyne	6	4
Whickham War Memorial Hospital	2	1
Hartlepools Hospital...	2	—
Durham County Hospital	1	—
Holmside and South Moor Miners' Welfare Hospital ...	1	—
Royal Infirmary, Sunderland	2	1
Sherburn Hospital	1	—
Totals	20	12

(6) DISCHARGES FROM SANATORIA AND HOSPITALS.—The number of persons discharged from sanatoria and hospitals was 295. Of these, 105 were reported "Quiescent" or "Arrested," 119 "Improved," 53 "No material improvement," and 18 died in institutions. Nineteen cases left before treatment was completed.

(7) AWAITING ADMISSION TO SANATORIA AND HOSPITALS :—

	Sanatorium.		*Hospital.*
	Pul.	Non.-Pul.	
Adult Males...	23	4	—
Adult Females	57	4	3
Boys...	—	15	—
Girls	1	3	2
Totals	81	26	5

(8) OCCUPATIONAL TREATMENT OF DURHAM COUNTY TUBERCULOUS EX-SERVICE MEN.—There were no tuberculous ex-service men admitted to Preston Hall Training Colony, Aylesford, Kent, during the quarter ; none were transferred to the Settlement, and two were receiving treatment on the 30th June. No cases were awaiting admission to the Colony on 30th June.

(9) TRAVELLING EXPENSES have been paid during the quarter to 455 cases.

(10) X-RAY EXAMINATIONS.—During the quarter 218 persons were examined by X-rays.

(11) SHELTERS.—During the quarter 9 shelters were erected as follows :—

Central District	at Meadowfield and Ouston...	2
Eastern District	at Elwick	1
North Western District...	at Dipton	1
Southern District ...	at Norton, Sedgefield and Croft	3
Western District... ...	At Willington and Tow Law	2

(12) ATTENDANCES AT DISPENSARIES.—The number of attendances at the dispensaries during the quarter was 5,867, as against 5,923 in the preceding quarter, and the number of persons who attended the dispensaries was 3,222, the corresponding figure for the preceding quarter being 3,273.

(13) VISITS TO PATIENTS.—4,782 visits have been made by the health visitors to patients during the quarter.

(14) VISITS TO EX-SERVICE MEN.—175 visits have been made by the health visitors during the quarter.

(15) UNDER SUPERVISION.—4,830 patients were under supervision on the 30th June, including 337 ex-service men.

(16) TREATMENT RECOMMENDED.—A list of all cases recommended sanatorium, dispensary and other forms of treatment during the quarter will be submitted, and I shall be glad if your Committee will approve such recommendations.

(17) DEATHS.—162 deaths from tuberculosis have been reported since the date of my last quarterly report, viz. : Pulmonary, 79 males and 66 females ; Non-Pulmonary, 8 males and 9 females.

(18) LOCUM TENENS FOR HOLIDAY DUTY.—With reference to the Minute of the County Council of the 18th April, 1935, I have to report that, with the approval of the County Medical Officer, I have engaged Dr. J. A. Millar, of Newcastle-on-Tyne, as locum Tuberculosis Officer during the summer holidays of the district tuberculosis medical officers at a salary of £41 13s. 4d. per month, with travelling expenses in addition.

(19) ILLNESS OF DR. MORGAN.—With reference to the Minute of the County Council of the 18th April, 1935, I have to report that Dr. Morgan is still absent through illness but expects to resume duty on 1st July. During his absence, with the approval of the County Medical Officer, I engaged Dr. J. A. Millar as locum tenens from 1st May to the 31st May, and Dr. A. Armit of Horden during the month of June at the approved rate of salary.

TREATMENT OF VENEREAL DISEASES.

TREATMENT CENTRES.

19. (1) Statistics.—The following table deals with the work for the three months ended 31st March, 1935 :—

Centre.	New Cases.		Ceased to attend before completion of treatment.		Total attendances.		No. of In-Patient days.		No. of doses of 606 substitute used.
	M.	F.	M.	F.	M.	F.	M.	F.	
Darlington	8	5	—	—	293	191	—	—	55
Durham	54	33	28	26	1,093	651	—	101	109
Newcastle	60	28	29	19	1,417	792	6	77	—
Stockton...	41	9	2	1	1,560	301	—	—	76
Sunderland	46	21	—	—	1,470	762	60	63	150
Totals	209	96	59	46	5,833	2,697	66	241	390

The above statistics refer to patients residing in the Durham County Administrative Area only.

(2) Travelling expenses amounting to £73 7s. 3½d. were paid during the quarter ended 31st March, 1935, to enable necessitous patients to attend the treatment centres.

(3) I have to report that Mr. W. Simm, Clerk Orderly at Durham Clinic, was absent from duty on account of sickness from the 13th to 29th June, inclusive, and I arranged for a locum to carry out the necessary services on the usual terms during this period.

HEALTH VISITORS.

20. The Superintendent Health Visitor reports as follows :—

(1) Sick Leave.—The following returned to duty on the dates given :—Miss McDermid, 14th April ; Miss Clacherty and Mrs. Field, 3rd June. The following have been on sick leave between the dates given :—Miss Ellwood, 15th April to 28th May ; Miss Goodwin, 17th April to 13th May ; Miss E. Nicholson, 7th to 29th May. The following have been on sick leave since the dates given :—Miss Lindsley, 3rd June ; Miss Archer, 6th June.

(2) Mrs. J. Phillips terminated her appointment as temporary health visitor on the 20th April.

(3) Miss E. A. Watson resigned her post on the 31st May. The following were appointed to the three additional positions and to fill two vacancies :—Misses H. C. Beaglehole, K. N. Cumming, V. Lindsay, W. Lowson and E. J. Lewis.

(4) The following have been accepted as loan students :—Misses J. Bott, D. G. Cooper, N. Fox, I. H. Hendry, E. E. Jones and M. White.

(5) Children Acts, 1908-32.—67 cases were under supervision and 256 visits were paid during the months of April and May.

(6) 1,538 mental defectives were under supervision, to whom 1,653 visits were paid.

(7) The services of Home Helps were sanctioned in 16 cases.

(8) The number of families on milk assistance on the 30th June was 5,712, compared with 5,883 on the 31st March, 1935.

MIDWIVES ACTS.

21. (1) The following statement shows the midwifery services of the County and its supervision during April and May :—

Total number of certified midwives in practice (of these 7 are bona-fide)	317
Number of midwives supervised	133
Number of visits to midwives	324
Number of visits to patients	282
Number of other visits	24
Number of ineffective visits	18
Total number of births registered in the Administrative County ...	4251
Number of births notified by midwives	2768

(2) The following notifications were received from certified midwives :—

Sending for Medical Help	1083
Still-births	60
Death of Mother	11
Death of Child	52
Artificial Feeding	26
Laying out the Dead	6
Liability to be a Source of Infection	37

(3) There were 53 cases of discharging eyes in the practice of midwives and 19 of these were subsequently notified as ophthalmia neonatorum, 3 of whom received in-patient hospital treatment.

(4) Medical aid was sought by midwives in 50 cases because of rise of temperature. Five of these cases were subsequently notified as puerperal fever and 20 as puerperal pyrexia, of which 12 received in-patient hospital treatment and the services of the emergency nurse were utilised in 2 cases.

(5) The inspectors visited 63 cases of albuminuria.

(6) The practice of midwifery by 9 uncertified midwives was reported by health visitors. One woman was visited and warned.

(7) No additional trained midwives have given notice of their intention to practise in the county area, 8 midwives have notified changes of address within the county, and 1 has removed out of the county.

(8) The following is a statement of cases attended during the quarter by midwives appointed by the County Council under the Trained Midwifery Scheme :—

District.	Cases.	Attended as Midwife.	Attended as Maternity Nurse.
Beamish	20	17	3
Birtley	8	5	3
Blaydon	11	7	4
Chester-le-Street	30	29	1
Chilton	13	12	1
Chopwell	19	17	2
Consett	31	31	—
Dipton	25	18	7
Easington Colliery	16	11	5
Hebburn	8	8	—
Hetton	39	26	13
High Spen	14	13	1
Philadelphia	34	15	19
Rowlands Gill	13	12	1
Sherburn	15	15	—
Trimdon	20	19	1

(9) The midwife at Birtley was on sick leave from the 27th April to the 31st May, inclusive.

(10) The Superintendent of the County Nursing Association reports that there are 126 midwives practising under district nursing associations, and that the duties of the midwives have been carried out satisfactorily and the equipment found in good order. She also reports that three resignations have been received and that four appointments have been made, three to fill these vacancies and one under a newly-formed district nursing association.

DURHAM URBAN DISTRICT.

22. Under the County of Durham Review Order, 1935 (Durham City), issued by the Minister of Health, the boundaries of the City of Durham were extended from the 1st April to include part of the urban district of Brandon and Byshottles (11 acres, Pop. nil) and part of the rural district of Durham comprising the parish of Neville's Cross and parts of the parishes of Bearpark, Belmont, Framwellgate Moor, Saint Oswald's and Shincliffe (2,963 acres, Pop. 2,070, estimated).

BISHOP AUCKLAND URBAN DISTRICT.

23. The Minister of Health has consented to the adoption by the urban district council of sections 51 to 54 (inclusive) and the unrepealed provisions of section 55 contained in Part V. (watercourses, etc.) of the Public Health Act, 1925, to take effect from the 20th May, the order to be cited as the Bishop Auckland Urban (Public Health Adoption) Order, 1935.

BARNARD CASTLE RURAL DISTRICT.

Para. 25. Dec., 1934.

24. Contributory Places of Wackerfield, Black Horse, Sun Inn and Cottages.—The piped water supply to these places is now completed.

CHESTER-LE-STREET RURAL DISTRICT.

25. I regret to report the death of Dr. T. C. Penfold, Medical Officer of Health, which occurred on the 13th May. Pending the appointment of his successor, the work is being undertaken by Dr. J. S. Allan, Medical Officer of Health of the Chester-le-Street Urban District.

DARLINGTON RURAL DISTRICT.

Para. 27. Dec., 1934.

26. Water Supply for the Contributory Places of Killerby and Summerhouse.—The supply of water from the Tees Valley Water Board's mains to these places is now completed.

HOUGHTON-LE-SPRING RURAL DISTRICT.

Para. 29. Dec., 1934.

27. The colliery company concerned with the problem of the burning pit heap in this district are dealing with the matter and are meeting with varying success according to certain atmospheric conditions.

WEARDALE RURAL DISTRICT.

28. Rookhope.—The District Council have under consideration improvement to the water supply of this village. It is proposed to re-lay about 508 yards of 3-inch cast iron pipes, substituting 2 and 3 inch sanitary pipes.

29. Daddryshields and Westgate, Water Supply.—It is proposed, subject to approval, to relay the 3-inch cast iron pipes on the moor and also to renew the main pipe line from Daddryshields to Westgate. The distance of this main pipe line is approximately 1,200 yards and the present 2-inch cast iron pipes appear to be of insufficient capacity to meet the requirements of the village of Westgate.

30. Wearhead.—To meet the requirements of a continuous water supply in times of drought, the District Council propose to supplement the present supply by connecting up with the water mains from the Lanehead and Cowshill storage chamber, where there is an abundant supply of water.

31. Thornley.—It is proposed to build a new storage chamber of 5,000 gallons capacity. The existing chamber is leaking and of insufficient capacity to receive the water available.

RIVERS POLLUTION PREVENTION ACTS.

32. The County Health Inspector reports that :—

(1) Portions of the following rivers and streams have been inspected :—

Rivers.	*Becks.*	*Burns.*
Browney.	Bishopton.	Bede.
Deerness.	Bowburn.	Blaydon.
Derwent.	Carr's.	Bowless.
Gaunless.	Coalford.	Cong.
Skerne.	Coxhoe.	Dipton.
Teams.	Crook and Beechburn.	Firtree.
Tees.	Dene.	Harthorpe.
Wear.	East Howle and Tursdale.	Hebburn.
	Langley.	Herrington.
	Low Grange.	Hobson.
	Murton.	Houghill.
	Old Durham.	Leap Mill.
	Old House.	Monkton.
	Pittington.	Moores and Lumley.
	Red Lion.	Rainton.
	Stella Gut.	Rookhope.
		Rowletch.
		Wascrow.
		Wellhope.
		Westerhope.

(2) Pollution by sewage was observed at Blackhouse Building Estate, Morton Grange, Sedgeletch, Skerne Bridge, Tudhoe Wood, Willington, Stone Bridge, Ferryhill Station, Dinsdale Park Golf Club, White Mare Pool, Wardley Colliery, Quality Terrace, Coxhoe Bridge, Floater's Mill, Broompark and Consett.

(3) Pollution from gas works, by-product, tar and coking plants, sand and gravel works, and coal washers, has been observed at Fencehouses, Sedgeletch, Crook, Bankfoot, Chilton, Ferryhill, Fishburn, Lambton, Rushyford, Shincliffe, Thinford, West Auckland, Spennymoor, Deaf Hill and Swalwell Bridge.

(4) Refuse in Streams.—There is a distinct improvement in the condition of streams and water-courses in the county—yet there still remains much to be desired in some areas.

(5) The effluents from the following trade processes have been inspected and reported upon and in some cases dealt with. Adverse reports are followed up by interviews with the responsible officials until a satisfactory effluent is obtained :—

Name of Works.	*Condition of effluent.*	*Name of Works.*	*Condition of effluent.*
By-Product Works.			
Bankfoot	Bad.	Malton	Improved.
Bearpark	Improved.	New Brancepeth (Ushaw Moor) ...	Moderate.
Blackbanks Chemical Works ...	Improved.	Randolph	Improved.
Bowden Close	Good.	Sacriston Coking Plant	Fair.
Brancepeth (Willington)	Improved.	Shotton Colliery	Fair.
Crook New Chemical Works ...	Good.	Stella Gill	Good.
Derwent Haugh	Moderate.	Templetown Tar Works	Good.
Fishburn	Moderate.	The Fell	Good.
Lambton	Moderate.	Thrislington	Improved.
Langley Park	Improved.	Weardale Coal and Coke Works ...	Fair.

Name of Works.	Condition of effluent.	Name of Works.	Condition of effluent.
Solids from Coal Washeries.			
Bearpark	Good.	Ouston " E " Pit	Fair.
Bowburn	Fair.	Peggy Pit	Fair.
Deaf Hill	Moderate.	Randolph	Improved.
Dean & Chapter	Fair.	Sacriston & Charlaw	Fair.
Dean Bank	Moderate.	Sherburn Hill	Fair.
Dolly Pit	Fair.	Thrislington	Fair.
Fishburn	Moderate.	Urpeth " C " Pit	Fair.
Lambton	Moderate.	Waterhouses	Fair.
Langley Colliery	Moderate.	Whiteleas Colliery Washer ...	Good.
Murton	Improved.		
Oils and Liquids from Boilers, etc.			
Bearpark Colliery & Brickworks...	Good.	Ouston " E " Pit	Fair.
Dean Bank	Fair.	Sherburn Hill Colliery	Fair.
Eldon Colliery & Brickworks ...	Good.	Tudhoe Colliery & Brickworks ...	Fair.
Electric Power Works, Crook ...	Good.	Mainsforth	Moderate.
Lambton Silica Brickworks ...	Fair.	Malton	Improved.
Liquids and Wastes from Gas Works.			
Bankfoot	Bad.	Houghton-le-Spring	Fair.
Barnard Castle	Good.	Middleton-in-Teesdale	Fair.
Bishop Auckland	Good.	Shotley Bridge	Fair.
Burnhope	Good.	Spennymoor & Tudhoe	Improved.
Chester-le-Street	Good.	Staindrop	Good.
Crook	Good.	Stanley	Fair.
Dipton	Fair.	Tow Law	Good.
Durham	Fair.	Tudhoe & Sunderland Bridge ...	Moderate.
Ferryhill	Good.	Willington	Moderate.
Gainford	Good.		
Trade Effluents and Sand and Gravel Works.			
Aycliffe Lime Quarry	Good.	Lintzford Printing Ink Works ...	Good.
Barmpton Sand & Gravel Works	Good.	Norton Junction Sand & Gravel Works	Good.
Bishop Auckland Artificial Stone Works	Good.	Skerningham Sand & Gravel Works	Good.
Co-operative Tin Plate Works ...	Good.	Stillington Sand & Gravel Co. ...	Good.
Elmford Lead Mines	Improved.	The Sacriston Sand & Gravel Co., Ltd.	Fair.
Healyfield Lead Works	Good.	Zinc Oxide Works	Good.
Hetton Sand & Gravel Works ...	Good.		

DARLINGTON COUNTY BOROUGH.

Para. 30 (7) Mar., 1935.

(6) Stressholmes Sewage Works.—As reported last quarter, the pollution of the River Skerne by sewage from these works still continues. No information has been received of any action having been taken by the Borough Council to prevent this pollution.

DURHAM URBAN DISTRICT.

Para. 39 (9) Dec., 1934.

(7) Barkers Haugh Sewage Disposal Works.—The provision of new sludge drying beds at these works is now in operation.

(8) Neville's Cross, Stone Bridge, Works of Sewerage and Sewage Disposal.—Plans are in course of preparation to deal with these works which are now situated within the City boundary.

ANNFIELD PLAIN URBAN DISTRICT.

(9) West Kyo Sewage Disposal Works.—The pollution by sewage of the Houghill Burn from these works has now been overcome and precautions against recurrence have been taken.

BILLINGHAM URBAN DISTRICT.

(10) Works of Sewerage.—The extension of the main outfall sewer on the Cowpen Lane building estate is now completed. Para. 39 (12) Dec., 1934.

BISHOP AUCKLAND URBAN DISTRICT.

(11) Works of Sewerage.—The extension and laying of a surface water drain in the Cockton Hill district is now completed. Para. 39 (13) Dec., 1934.

BLAYDON URBAN DISTRICT.

(12) Ladysmith and District, Works of Sewerage and Sewage Disposal.—Plans and specifications for these works are almost completed and it is expected that they will be submitted to the Minister of Health at an early date. Para. 39 (14) Dec., 1934.

BRANDON AND BYSHOTTLES URBAN DISTRICT.

(13) Browney Sewage Disposal Works and Works of Sewerage.—The District Council have been informed by the Commissioner for Special Areas that they are prepared to make a grant of 75 per cent. towards the completion of these sewage works. The Scheme will involve the laying of a new sewer from Littleburn sewage works to the Browney sewage works. On the completion of the Browney works the Littleburn works will be eliminated and the whole of the sewage for approximately 11,000 population will be treated at Browney.

(14) Lymington Terrace, Esh Winning, Sewage Disposal Works.—An improvement in the treatment of sewage at these works has been completed.

(15) Browney and Littleburn Colliery Refuse Tip—River Wear.—The conditions here have definitely improved and the use of the tip is now discontinued.

(16) Hedley Hill Terrace, Waterhouses.—The scheme for the conversion of 68 earth closets to the water carriage system is nearing completion.

CHESTER-LE-STREET URBAN DISTRICT.

(17) Pelton Fell, Works of Sewerage.—The Clerk to the District Council wrote on the 14th June stating that plans, specifications, and estimates for this scheme have been approved by the Council and that they are being forwarded to the Minister of Health for his sanction to a loan of £8,000. Para. 30 (14) Mar., 1935.

(18) Works of Sewerage, North Road Manhole to Rest House.—The extension of the main outfall sewer from this manhole to the Rest House situated in the Chester-le-Street rural district has been commenced. This sewer will also meet the requirements of building developments. The sewage from this area will be treated at the Chester-le-Street sewage works.

CONSETT URBAN DISTRICT.

(19) Works of Sewerage and Sewage Disposal for the Proposed Amalgamated Areas.—A complete scheme for this area, together with plans, specifications, etc., is expected to be completed and presented to the authorities concerned at an early date. Para. 30 (16) Mar., 1935.

CROOK URBAN DISTRICT.

(20) Bankfoot By-Product Works, Pollution of Crook Beck.—Several samples of river water have been taken from this stream and varying results have been obtained. On the 17th June the Bishop Auckland Waterworks Engineer took three samples for examination. The condition of the small runner adjacent to the tar plant was in bad condition on this date. One of the samples was taken from this runner which discharges into the Crook Beck on the main Stanley-Crook road bridge below these works. Para. 30 (17) Mar., 1935

(21) Crook and Escombe Joint Sewage Works.—It has been found necessary to gauge the volume of flow in the main sewer in the vicinity of High Grange to determine the volume of infiltration. During the process of gauging, however, it is necessary to allow the discharge of sewage into the Crook Beck, and as several tests of short duration are necessary, sewage may be observed in the river. Para. 30 (18) Mar., 1935.

FELLING URBAN DISTRICT.

Para. 30 (19) Mar., 1935.

(22) The examination of this watershed is now completed.

(23) Sewage Tanks, Wardley Colliery, Liberty Terrace, and Manor House.—These tanks have been repaired and several small runners have been cleaned out and re-graded.

(24) It will be necessary to consider the question of drainage and sewerage in the Wardley Colliery district with a view to promoting a scheme of sewerage and sewage disposal for this area.

(25) Wardley Colliery.—The small runner into which the natural drainage from the colliery is discharged has been impounded and a small electric pumping plant is being installed. When completed, the drainage water will be pumped into an existing pipe line which discharges into a railway ditch and which eventually enters the Monkton Burn. This scheme prevents the drainage from the colliery entering the Heb Burn.

HEBBURN URBAN DISTRICT.

Para. 30 (20) Mar., 1935.

(26) The inspection of the Heb Burn watershed and also the Glebe, which is a small runner from the gathering ground of the Hebburn Ponds, has been completed. A number of improvements have been carried out in the vicinity of Wardley Colliery Ponds, Manor House Farm, Wardley Colliery drainage, and White Mare Pool, and the owners of the Hebburn Ponds now state that the condition of the water in these ponds is now of its normal characteristics.

HETTON-LE-HOLE URBAN AND HOUGHTON-LE-SPRING RURAL DISTRICTS.

Para. 30 (21) Mar., 1935.

(27) Glebe Sewage Farm, Joint Works of Sewerage and Sewage Disposal.—Further conferences have been held with a view to obtaining a grant on the full scheme, including filters.

SHILDON URBAN DISTRICT.

(28) Works of Sewerage.—A scheme, together with plans and specifications of the main outfall sewer and improvements to the sewerage system of the district, has been submitted to the Minister of Health and an inspector from the Ministry has visited the area.

SPENNYMOOR URBAN DISTRICT.

Para. 30 (25) Mar., 1935.

(29) Spennymoor and Tudhoe Gas Works.—Plans for this scheme have been submitted and agreed to by the engineer of these works, and it is expected that an early start will be made with the necessary work.

Para. 30 (26) Mar., 1935.

(30) Weardale Steel, Coal and Coke Company's By-Product Works.—Owing to the absence of plans of the drains and sewers in this locality some time must elapse before adopting a specific system of treatment and discharge of the effluents from these works. It is, however, expected that the plans will be ready shortly, when a complete scheme will be submitted to the work's manager. In the meantime there does not appear to be any reasons for complaint from pollution of the Low Grange Beck.

(31) Tudhoe Mill Sewage Works and Works of Sewerage.—Difficulties of gauging the flow of sewage to these works prior to the preparation of plans for the improvements to these works have been experienced, but it is hoped that a report and plans will be submitted to the Council shortly.

(32) Extension of Main Outfall Sewer from Tudhoe Village to St. Charles Road.—This scheme, to connect up the present new buildings, as well as future buildings, has been under consideration for some time and the Council have now decided to extend the sewer.

(33) Back Durham Road Sewer.—Flooding has been observed in this area on several occasions and the relaying of the sewer is now in progress.

STANHOPE URBAN DISTRICT.

Para. 30 (27) Mar., 1935.

(34) Stanhope Sewage Disposal Works.—Plans have now been prepared and submitted for the extension of, and improvements to, these works.

STANLEY URBAN DISTRICT.

(35) Hustle Down Sewage Disposal Works.—Considerable difficulties have been experienced in connection with the sludge drying beds and alterations and improvements to the sludge lagoons are being carried out.

(36) North Side Sewage Disposal Works.—Consulting engineers are at present preparing a scheme for works of sewerage and sewage disposal for this area.

(37) Morrison B. Pit, Pit Head Baths.—Work has commenced at this colliery and the extension of the council's sewer to these baths will be undertaken as soon as convenient.

TANFIELD URBAN DISTRICT.

(38) Work of Sewerage and Sewage Disposal.—A Ministry of Health Inquiry was held in the Council Offices, Tanfield, on the 11th June by R. Neilson, Esq., M.Inst.C.E., into the application by the Tanfield Urban District Council to borrow £13,015 for works of sewerage and sewage disposal in the north ward of the district. The Clerk to the District Council submitted the reasons for the scheme, which would be constructed at Rowlands Gill. When completed, the obsolete and unsatisfactory works at Low Friarside, Burnopfield, and Busty Bank would be eliminated. It was also stated that the Commissioner for Special Areas had intimated the approval of a 75 per cent. grant if the scheme was accepted by the Minister of Health. After the Inquiry the Inspector and others visited the area and proposed site and made several suggestions and modifications of the plans.

WILLINGTON URBAN DISTRICT.

(39) Works of Sewerage and Sewage Disposal.—Plans for the alteration of, and improvements to, these works have been completed and submitted for approval. Para. 30 (29) Mar., 1935.

(40) Willington Gas and By-Product Works.—The effluent from these works has shown improvement recently and care is being taken with all effluents discharged. A scheme for the treatment of these effluents will be considered when the proposed alterations to the sewage disposal works have been approved. Para. 30 (30) Mar., 1935.

The Clerk to the District Council wrote on the 13th June stating that his Council had appointed a deputation to meet Messrs. Strakers & Love's representatives to discuss the matter as regards the effluents from the gas works and that he would acquaint this department of the result.

AUCKLAND RURAL DISTRICT.

(41) South Church Sewage Works.—The work at this place is now completed. Para. 30 (32) Mar., 1935.

(42) South Church Council Housing Estate.—The work in connection with the alteration of the depth of the sewer and the connection of an intercepting sewer from the urban district council's housing scheme is now completed. Para. 30 (33) Mar., 1935.

(43) Woodlands, Works of Sewerage.—This scheme is now completed. Para. 30 (34) Mar., 1935.

(44) Binchester Infectious Diseases Hospital Sewage Disposal Works.—The overhauling, washing and replacing clinker, at these works is now completed. Para. 30 (35) Mar., 1935.

(45) Pollution by sewage of the River Gaunless in the vicinity of Gitty Lane, South Church, where rapid building developments are taking place, has been observed, and the condition of the River Gaunless is becoming gradually worse.

BARNARD CASTLE RURAL DISTRICT.

(46) Work of Sewerage and Sewage Disposal.—A Ministry of Health Inquiry was held in the Scarth Memorial Hall, Staindrop, on the 2nd April, 1935, by J. Gardner, Esq., M.Inst.C.E., into the application of the Barnard Castle Rural District Council to borrow £1,064 for works of sewerage and sewage disposal for the contributory place of Cleatlam. The Clerk to the District Council explained the necessity for the scheme and pointed out that it was a scheme for the complete treatment of the sewage owing to the close proximity of the site to a well used for the supply of water in an adjacent field. After the Inquiry the inspector and others visited the area and examined the site and well.

(47) South Cleatlam Sewage Disposal Works.—These works appear to be neglected. The attention given to the sludging and operation of the tanks and percolating filters is insufficient, and complaints of nuisances arising from smells have been received.

CHESTER-LE-STREET RURAL DISTRICT.

(48) Pelaw Grange and Brown's Buildings Sewer.—With the completion of this sewer, which now discharges into the River Tyne, the condition of the water-courses in this area are considerably improved. The number of houses, etc., drained by the sewer is 71.

(49) Pelaw Grange Sewage Works.—A considerable number of houses have been disconnected from these works and connected to the main outfall Birtley sewer. These works are now of sufficient capacity to treat efficiently the volume of sewage discharged therein, and the effluent is now quite satisfactory.

DARLINGTON RURAL DISTRICT.

Para. 30 (39) Mar., 1935.

(50) Middleton Hall Mental Hospital Sewage Disposal Works.—Two schemes of sewage disposal works are under consideration by the Board of Management.

Para. 30 (40) Mar., 1935.

(51) Dinsdale Park School Sewage Disposal Works.—This work is now completed.

Para. 30 (41) Mar., 1935.

(52) Blackwell Village Sewage Disposal Works.—The work of fencing the area of these works has been commenced.

DURHAM RURAL DISTRICT.

Para. 30 (43) Mar., 1935.

(53) Cassop Colliery Sewage Disposal Works.—Plans and specifications for these works are now completed.

Para. 30 (44) Mar., 1935.

(54) Croxdale Colliery Sewage Disposal Works.—Plans and specifications for the extension and improvement of these works are nearing completion.

Para. 30 (45) Mar., 1935.

(55) Brasside, Works of Sewerage and Sewage Disposal.—Plans and specifications are now completed for these works.

Para. 39 (45) Dec., 1934.

(56) Sherburn and Shadforth, Works of Sewerage and Sewage Disposal.—Good progress has been made with the work of sewerage. Engineering difficulties are, however, being experienced on the construction of the sewage disposal works where sand and sub-soil water have delayed the progress of construction.

Para. 39 (47) Dec., 1934.

(57) Shincliffe Mill Infectious Diseases Hospital Sewage Disposal Works.—The overhauling of these works is now completed.

Para. 39 (46) Dec., 1934.

(58) Framwellgate Moor, Works of Sewerage.—An extension of the main outfall sewer at this place, to meet the requirements of building developments, is now completed.

EASINGTON RURAL DISTRICT.

Para. 30 (48) Mar., 1935.

(59) Murton Colliery, Allotment Gardens, Pollution of Stream in Recreation Ground.—This work is now completed and the effluent is satisfactory.

Para. 30 (49) Mar., 1935.

(60) Seaham Hall Sanatorium Sewage Disposal Works.—Good progress has been made in the alterations and improvements to these works.

Para. 30 (50) Mar., 1935.

(61) Crimdon Dene Sewage Disposal Works.—These works are of a temporary nature pending a new outfall sewer-to-the-sea for this area. The works have recently been overhauled and are now satisfactory.

Para. 39 (50) Dec., 1934.

(62) Murton Colliery Coal Washer, Boiler Sludging and Brickworks Effluents.—The effluent from the recently constructed settling tanks for coal slurry, etc., has occasionally been of a moderate quality. This can be expected when the tanks are being cleaned out as the coal slurry is precipitated and has to be lifted out of the tanks during the process. The liquids are much discoloured and give rise to complaints. Every precaution is being taken by the colliery company to reduce pollution by coal slurry to a minimum.

(63) Morton Grange, William Henry, Sewage Disposal Works.—Work in connection with overhauling and repairs is now completed. Para. 30 (52) Mar., 1935.

(64) Works of Sewerage and Sewage Disposal.—A Ministry of Health Inquiry was held in the Miners' Institute, Fence Houses, on the 12th June, by R. Neilson, Esq., M.Inst.C.E., into an application by the District Council to borrow £50,000 for works of sewerage and sewage disposal for the contributory places of Morton Grange, Newbottle, Penshaw, Herrington, West Herrington, East Herrington and Silksworth. The Clerk to the Council explained the necessity for the scheme and pointed out that the Sedgeleteh works were totally inadequate and pollution by sewage of the Moores Burn was reported from time to time. He also added that the higher reaches of the Herrington Burn were polluted by untreated sewage and that it was proposed to link this sewer up to the main outfall sewer and to treat the whole of the sewage from this area at the new works. The Clerk to the Council also stated that the Council had been informed by the District Commissioner for Special Areas that he was prepared, subject to the approval of the Council's scheme by the Minister of Health, to recommend a grant of 75 per cent. of the cost. After the Inquiry the inspector and others visited the several areas in connection with the scheme.

LANCHESTER RURAL DISTRICT.

(65) Malton Colliery By-Product Works.—The treatment of the effluent from these works has been in operation for some time and it appears to be satisfactory. Para. 30 (53) Mar., 1935.

(66) Lanchester Sewage Disposal Works.—The sewage from the Burnhope council housing estate is discharged into these works. The extension to the main outfall sewer at this place is now completed. Para. 30 (54) Mar., 1935.

(67) Templetown Sewage Disposal Works.—These works have not been satisfactory for some time and reconstruction has commenced.

SEDGEFIELD RURAL DISTRICT.

(68) Fishburn Colliery Coal Washer and By-Product Works, Pollution of River Skerne.—Several inspections of the trade effluents from these works have been made during the past two months. On one occasion it was necessary to interview the works manager in connection with the pollution of the river from the coal washer and this was attended to immediately. Para. 30 (55) Mar., 1935.

(69) Sedgefield and Winterton Mental Institute Infectious Disease—Sewage Disposal Works.—The new works are almost completed here. Para. 30 (56) Mar., 1935.

(70) Chilton and Dean Bridge Coal Washer, Cooling Plant, and By-Product Works.—Several inspections of these works and the Rushyford Becks have been made and pollution has occasionally been observed. It is expected that when the works for the treatment of the effluents are completed pollution will be considerably reduced. Para. 30 (57) Mar., 1935.

SOUTH SHIELDS RURAL DISTRICT.

(71) Water Carriage System.—This work is now completed. Para. 39 (65) Dec., 1934.

(72) Boldon Colliery—Relaying of Sewers.—This work is now completed. Para. 39 (66) Dec., 1934.

(73) White Mare Pool Sewage Tanks.—These tanks have been emptied and the water-course into which the effluent discharges has been cleaned out and graded.

STOCKTON RURAL DISTRICT.

(74) Wolviston Sewage Disposal Works.—There is still a fair amount of work to be done in connection with an additional settlement tank before these works can be put into use. Good progress is, however, being made with the improvements. Para. 30 (59) Mar., 1935.

(75) Carlton and Whitton Sewage Disposal Works.—As mentioned in my previous report, these works are inadequate and obsolete and discharge very unsatisfactory effluents. Para. 30 (60) Mar., 1935

WEARDALE RURAL DISTRICT.

(76) Edmondbyers—Works of Sewerage.—The extension of the present sewer to the school is under consideration. Para. 30 (61) Mar., 1935

(77) The District Council have submitted the following schemes to the Commissioner for Special Areas :—

(78) Frosterley—Works of Sewerage and Sewage Disposal.—It is proposed to provide a new sewer and sewage works at Bridge End and also at the Hill End part of the district.

Para. 30 (62) Mar., 1935.

(79) Wolsingham.—The extension of the present main outfall sewer to the western boundary.

(80) Copt Hill, Cowshill.—The extension of the main sewer from Wearhead to a hamlet known as Copt Hill.

(81) Eastgate.—The construction of a new sewer from the council school to Boltsburn and then to the present sewage works.

(82) Westgate.—The extension of the present sewer from Westgate Bridge to Bridge End, Daddryshields.

(83) Eastgate.—The construction of a new sewer and sewage disposal works.

Para. 30 (64) Mar., 1935.

(84) Refuse in Streams—Wolsingham Old Refuse Tip.—Slightly improved conditions are reported, but it would be an advantage if protection was continued from the end of the present fence towards Humble's Forge, which would be an effective prevention of tipping refuse on the north foreshore of the River Wear.

(85) Westgate Bridge.—The conditions here, due to the tipping of domestic and trade refuse, are bad and public scavenging would be an advantage. It would appear that there is no other solution to this foul practice of tipping refuse into the stream other than by legal action being taken against the offenders by the District Council.

MATERNITY AND CHILD WELFARE.

33. The Welfare Medical Officer reports to me as follows :—

(1) WELFARE MEDICAL STAFF.

Sick Leave.—Dr. E. Brown was unable to attend her centre at Brandon on Friday, the 3rd May, owing to illness. With the approval of the County Medical Officer, Dr. Crosthwaite attended her centre on that day.

Dr. L. M. Watt was on sick leave from the 14th to the 26th May inclusive. With the approval of the County Medical Officer, some of her centres were attended by Dr. Crosthwaite on the 17th, 20th, 22nd, 23rd and 24th May. Other centres were attended by Dr. M. Bainbridge and myself.

Dr. C. Anderson, with the approval of the County Medical Officer, was granted leave of absence owing to the death of a near relative on Thursday, the 18th April. Dr. Crosthwaite attended her centre at West Stanley.

With the approval of the County Medical Officer, the following have been appointed to act as locum tenens during the summer leave of the assistant welfare medical officers :—Drs. Bates, Crosthwaite, Gordon, Heugh, McFadden, Nichol and Rodgers. Dr. M. Hopper will be in charge of the office when necessary during my absence.

(2) CENTRES.

Tow Law.—This centre was closed on Monday, the 17th June, as the premises were not available on that day.

New Centre—Eldon.—A public meeting was held at the St. Mark's Church Hall, Eldon, on Thursday afternoon, the 13th June, to open this centre. The county travelling health exhibition was on view. Alderman Callaghan presided and the centre was officially opened by Alderman Hedley Mason. There was a good attendance and a voluntary committee was formed from those present. The first session was held in the morning.

Proposed New Centre—Staindrop.—I should be glad to have permission to close the centre held monthly at Gainford and replace it by one at Staindrop. The number of young children in Gainford itself is very small, partly owing to the migration of young people to Darlington, and the attendance at the centre is poor. There is no bus service for mothers attending from the neighbouring villages of Hilton and Ingleton. Staindrop has at the present time a much larger child population, is more central, and has a bus service communicating with most of the surrounding districts. Premises which are central and much more convenient than those at Gainford can be obtained at the Scarth Memorial Hall, Staindrop, at a cost of 13/6 per session, inclusive of lighting, heating and cleaning. This centre would serve Staindrop, Gainford, Hilton, Winston, South Cleatlam, Ingleton and Stainton. A cupboard for equipment will be necessary.

(3) POST-NATAL CLINIC.

A post-natal clinic has been opened at Consett, and the first session was held on Wednesday, the 26th June. In order to open this clinic, it has been arranged to continue to hold the centre at Chopwell once a week, all day Thursdays, but to close the ante-natal clinic on alternate Wednesday afternoons and to hold the same on alternate Thursday mornings. By this re-arrangement of the Chopwell centre there will be a reduction in cost of £7 8s. 0d. per annum. Both the Consett and Chopwell clinics are under the care of the same medical officer.

The medical practitioners in the district and the assistant tuberculosis medical officers have been informed of the opening of this post-natal clinic.

(4) FEDERATION OF VOLUNTARY WORKERS.

A meeting of the Federation was held in the Shire Hall, Durham, on Thursday, the 2nd May, to receive a deputation from the Maternity and Child Welfare Sub-Committee of the Health Committee. Mrs. Ellis presided and there was a large attendance of delegates from the various voluntary committees.

(5) ACTIVITIES OF VOLUNTARY COMMITTEES.

Shildon—Weighing Table.

(6) CASES OF SQUINT.

71 children have been treated by the school oculist during the quarter.

(7) ARTIFICIAL SUNLIGHT CLINICS.

Centre.	No. on books.	Attendances.	Average attendance per session.
Bishop Auckland	106	510	23
Dunston	319	1176	53
Horden	136	903	41
Houghton-le-Spring	173	926	40

(8) ATTENDANCES OF COUNTY MOTHERS AT BOROUGH WELFARE CENTRES.

Darlington	5	mothers made	33	attendances.
Gateshead...	nil	,, ,,	nil	,,
South Shields	61	,, ,,	182	,,
Stockton	3	,, ,,	10	,,
Sunderland	1	,, ,,	16	,,
West Hartlepool	8	,, ,,	101	,,
Yarm and Eaglescliffe	19	,, ,,	96	,,

(9) BABIES' HOSPITAL AND MOTHERCRAFT CENTRE, NEWCASTLE-ON-TYNE.

Allen Copam, who was admitted to this hospital on 19th March last, was discharged on 3rd April.

(10) POST-NATAL CLINICS.

Consett	2	mothers made	2	attendances.
Durham	14	,, ,,	15	,,

34. CLAIMS FOR PAYMENT OF MATERNITY FEES OF PUBLIC ASSISTANCE PATIENTS.—The Public Assistance Committee have authorised relieving officers during a period up to and including the tenth day after confinement to issue an order to a midwife in respect of the treatment of maternity cases where evidence is available that applicants have endeavoured to obtain maternity benefit from an Approved Society prior to the applicant being informed that he is out of benefit.

Previously the practice has been that application for assistance in the payment of a midwife's fee was made to the relieving officer either before or at the time of the confinement.

This extension of time will overcome certain difficulties which have arisen where application has been made to an Approved Society for maternity benefit in good faith and in reasonable time, only to find that the applicant is out of benefit owing to the lengthy period of his unemployment.

NOTIFICATION OF BIRTHS.

35. The number of births notified in the administrative county during the past quarter under the Notification of Births Acts, as adjusted by transferred notifications, was 4,263, and exceeded the births registered by 12. In the County Council Notification of Births Acts area (i.e., the administrative county less the urban districts of Hartlepool, Jarrow and Stockton) the number of births notified was 3,648, equal to 99.8 per cent. of the births registered in that area.

The number of un-notified births reported and enquired into by the county health visitors was 106, viz. :—

61 Doctors failed to notify	81 births.
19 Midwives failed to notify	23 ,,
1 Maternity Home failed to notify	1 birth.
1 Hospital failed to notify	1 ,,

ADMISSION OF COUNTY PATIENTS TO MATERNITY HOMES.

36. The following statement shows the number of patients whose applications for admission to maternity homes were approved during the quarter, and a comparison is made with the figures for the three previous quarters and for the corresponding quarter of last year :—

Maternity Home.	Quarter Ended				
	March, 1934.	June, 1934.	September, 1934.	December, 1934.	March, 1935.
County Maternity Home, Bishop Auckland	96	80	64	91	81
Richard Murray Hospital, Blackhill ...	74	54	65	61	68
Maternity Home, Sunderland	29	29	15	28	31
Maternity Home, West Hartlepool ...	9	12	7	8	12
Princess Mary Maternity Hospital, Newcastle-on-Tyne	10	10	7	18	6
Robson Maternity Home, Stockton-on-Tees	1	3	1	—	2

Every care has been taken to see that the patients contributed towards the cost of maintenance in the institutions according to their means.

VITAL STATISTICS.

37. Tabulated statement of quarterly birth-rates, total death-rates, and death-rates from certain specified causes in the administrative county :—

	Quarter Ended				
	June, 1934.	September, 1934.	December, 1934.	March, 1935.	June, 1935.
Rates per 1,000 Population.					
Birth-rate	18.2	17.2	16.7	16.8	18.5
Total Death-rate	12.2	9.4	10.4	11.9	12.8
Death-rate from :—					
Zymotic Diseases...	0.65	0.44	0.50	0.50	0.42
Smallpox	—	—	—	—	—
Scarlet Fever	0.10	0.06	0.04	0.06	0.04
Diphtheria and Croup	0.12	0.18	0.22	0.28	0.19
"Fevers" (Typhoid, &c.)	—	0.004	0.004	0.004	0.01
Measles	0.24	0.07	0.04	0.04	0.03
Whooping Cough...	0.06	0.04	0.08	0.05	0.03
Diarrhœa (under 2 years of age) ...	0.14	0.08	0.11	0.06	0.11
Pulmonary Tuberculosis	0.80	0.54	0.58	0.67	0.73
Non-Pulmonary Tuberculosis	0.16	0.14	0.14	0.21	0.15
Bronchitis, Pneumonia and Pleurisy ...	1.02	0.53	0.66	1.14	0.12
Influenza	0.20	0.06	0.09	0.16	0.46
Infant mortality rate per 1,000 births ...	72	53	76	85	70

38. The following table gives the chief vital statistics of the urban and rural districts in the County during the three months ended 30th June, 1935 :—

	Estimated Population Mid-year, 1935.	Per 1,000 Population. Birthrate.	Death-rate from all causes.	Zymotic death-rate	Infant Mortality-rate per 1,000 births.	Diseases prevalent during quarter.	
Administrative County ...	919,840	18.5	12.8	0.42	70		
Co. Boro' of Darlington ...	74,550	16.9	11.2	0.38	44	Scarlet Fever.	
Co. Boro' of Gateshead ...	123,000	19.5	14.3	0.36	100	do.	
Co. Boro' of South Shields ...	112,750	18.7	12.0	0.42	55	do.	
Co. Boro' of Sunderland ...	186,650	22.4	13.6	1.31	84	do.	Diphtheria.
Co. Boro' of West Hartlepool	71,550	21.1	14.1	0.78	93	do.	do.
URBAN DISTRICTS.							
Durham Borough	18,630	13.5	13.3	0.22	48		
Hartlepool ,, ...	19,520	20.9	13.9	0.82	98		
Jarrow ,, ...	31,020	19.7	15.8	0.52	150		
Stockton ,, ...	67,700	20.3	12.5	0.18	52	do.	
Annfield Plain	15,970	19.5	15.3	0.75	90		do.
Barnard Castle	4,020	11.0	19.0	—	—		
Benfieldside	9,090	18.1	10.1	0.44	—		
Billingham	19,100	23.3	12.2	0.63	45		
Bishop Auckland	11,870	13.5	18.9	—	100		
Blaydon	32,090	16.8	14.1	0.12	104		
Brandon and Byshottles ...	16,540	17.6	11.4	0.72	69	do.	
Chester-le-Street	16,860	15.9	10.4	0.47	60		
Consett	12,410	25.5	14.5	0.97	38		
Crook	11,070	15.2	10.1	—	—		
Felling...	26,560	13.9	11.9	—	65		
Hebburn	23,900	20.9	12.9	0.67	88	do.	
Hetton-le-Hole	18,200	21.1	11.6	0.44	73		do.
Houghton-le-Spring	11,020	22.1	15.6	0.36	98		
Leadgate	6,350	22.0	9.4	0.63	86		
Ryton	14,180	17.2	9.6	—	98		
Seaham Harbour	20,220	22.5	10.1	0.59	79		
Shildon	12,340	16.5	14.2	0.32	98		
Spennymoor	15,900	22.9	10.3	0.25	44		
Stanhope	1,580	20.3	17.7	—	—		
Stanley	24,160	17.9	13.1	0.50	83		
Tanfield	9,200	16.1	13.9	—	54		
Tow Law	3,510	12.5	10.2	0.23	—		
Washington	17,440	15.6	13.8	0.69	176		
Whickham	20,250	17.2	13.0	0.40	80		
Willington	8,830	15.8	10.0	1.36	—		do.
RURAL DISTRICTS.							
Auckland	51,520	17.2	15.5	0.78	63	do.	do.
Barnard Castle	10,080	13.9	13.9	0.40	—		
Chester-le-Street	50,370	16.4	13.1	0.32	82		
Darlington	8,840	13.6	10.4	—	—		
Durham	29,210	17.3	13.4	0.41	38	do.	
Easington	91,500	21.8	11.5	0.35	68	do.	do.
Hartlepool	2,580	13.9	13.9	1.55	—		
Houghton	27,570	19.9	12.3	0.44	110		
Lanchester	33,120	18.2	10.8	—	46		
Sedgefield	36,690	19.3	12.3	0.65	79	do.	do.
South Shields...	22,220	14.2	12.3	0.36	38		
Stockton	6,590	13.9	18.2	0.61	43		
Sunderland	21,740	19.1	11.6	0.55	48		do.
Weardale	8,280	16.4	11.6	—	—		

County Health Department,
Shire Hall, Durham,
8th July, 1935.

JAS. McINTYRE,
County Medical Officer.

APPENDIX 1.

PREVENTION OF TUBERCULOSIS.

QUARTER ENDED 30TH JUNE, 1935.

Statement of Notifications of Tuberculosis in the different Urban and Rural Districts in the County and of Treatment granted to New Cases under the County Tuberculosis Scheme.

DISTRICT.	Notifications. Form A (Primary)		New Cases Treated.							
				Treatment Granted.						
	Pulmonary	Non-Pulmonary.	Number of New Cases.	San-atorium.	Hospital.	Dom-iciliary.	Dis-pensary.	Home (Non-insured Cases).	Ultra Violet Ray.	Surgical Appliances.
1	2	3	4	5	6	7	8	9	10	11
URBAN.										
Durham Borough ...	3	4	8	6	—	—	1	1	—	—
Hartlepool Borough ...	7	—	3	1	1	—	1	—	—	—
Jarrow Borough ...	13	9	18	11	1	—	2	3	1	—
Stockton Borough ...	16	10	22	11	—	1	10	—	—	—
Annfield Plain ...	1	5	5	2	—	—	1	1	1	—
Barnard Castle ...	1	1	1	—	—	—	—	1	—	—
Benfieldside	4	1	4	3	—	—	—	—	1	—
Billingham	5	4	8	6	—	1	1	—	—	—
Bishop Auckland ...	3	4	8	8	—	—	—	—	—	—
Blaydon	2	4	6	3	—	1	—	1	1	—
Brandon & Byshottles	3	2	6	4	1	—	—	1	—	—
Chester-le-Street ...	6	3	8	6	—	—	—	1	1	—
Consett	6	—	6	5	—	—	1	—	—	—
Crook	—	4	2	1	—	—	1	—	—	—
Felling...	8	9	14	9	—	1	—	2	2	—
Hebburn	7	8	17	9	—	1	4	3	—	—
Hetton-le-Hole ...	3	5	9	6	1	—	2	—	—	—
Houghton-le-Spring ...	—	9	7	2	—	—	5	—	—	—
Leadgate	1	3	3	3	—	—	—	—	—	—
Ryton	1	3	2	2	—	—	—	—	—	—
Seaham Harbour ...	6	4	10	7	1	—	1	1	—	—
Shildon	1	1	2	2	—	—	—	—	—	—
Spennymoor	6	1	5	4	—	—	1	—	—	—
Stanhope	—	—	—	—	—	—	—	—	—	—
Stanley	5	2	5	2	—	—	1	1	1	—
Tanfield	2	—	—	—	—	—	—	—	—	—
Tow Law	—	2	1	1	—	—	—	—	—	—
Washington	5	5	9	6	1	—	—	1	1	—
Whickham	5	3	3	1	1	—	—	1	—	—
Willington	—	3	1	1	—	—	—	—	—	—
TOTALS...	120	109	193	122	7	5	32	18	9	—
RURAL.										
Auckland	11	2	7	5	—	—	1	1	—	—
Barnard Castle ...	2	1	3	2	1	—	—	—	—	—
Chester-le-Street ...	11	11	27	16	1	1	4	5	—	—
Darlington	1	3	4	3	—	—	1	—	—	—
Durham	7	5	15	13	—	—	—	1	1	—
Easington	16	15	20	15	1	—	3	1	—	—
Hartlepool	—	—	—	—	—	—	—	—	—	—
Houghton-le-Spring ...	8	8	16	7	1	—	6	1	1	—
Lanchester	5	8	10	5	2	—	2		—	—
Sedgefield	12	11	10	8	1	—	1	—	—	—
South Shields... ...	7	2	10	4	—	1	2	2	1	—
Stockton	—	—	—	—	—	—	—	—	—	—
Sunderland	9	7	15	8	2	1	3	—	1	—
Weardale	3	1	4	2	—	—	1	1	—	—
TOTALS..	92	74	141	88	9	3	24	13	4	—
Administrative County	212	183	334	210	16	8	56	31	13	—

APPENDIX II.

COUNTY HEALTH VISITORS.

STATEMENT OF WORK ACCOMPLISHED DURING THE QUARTER ENDED 30TH JUNE, 1935.

Total number of health visitors on duty at the beginning of April		86
Total number of health visitors on duty at the end of June		89
Ante-natal—1st visits	741	
Revisits	495	
Births—1st visits	3,639	
Revisits under 1 year	7,902	
„ 1 to 2 years	5,993	
„ 2 „ 3 „	5,761	
„ 3 „ 4 „	5,301	
„ 4 „ 5 „	6,527	
„ 5 „ 6 „	145	
Uncertified midwives	9	
		36,513
Plus 1,447 attendances at child welfare centres × 19 visits		27,493
Maternity and Child Welfare Total ...		64,006

TUBERCULOSIS.

Tuberculosis—1st visits	438	
Re-visits	4,268	
		4,706
Plus 375 attendances at dispensaries × 19 visits		7,125
Tuberculosis Total		11,831

SCHOOL WORK.

School children (Home visits)	5,633	
Schools	1,290	
		6,923
Plus head to head Inspections days 125 × 19 visits		2,375
Plus 99 attendances at school clinics × 19 visits		1,881
Plus 11 days spent conducting children to special schools		209
School Work Total		11,388
Average daily number of visits per health visitor		19·5
Unclassified visits		3,436
Ineffective visits		3,807
Total number of visits (not including attendances at dispensaries, child welfare centres or ineffective visits)		51,578
Reported to district medical officers of health :—		
Overcrowding		124
Sanitary defects		147
		271

PART TIME OFFICERS.	Total No. of Visits.	Attendances at dispensaries.	Attendances at child-welfare centres.	Ineffective visits.
Hartlepool Borough Health Visitors	81	12	—	—
Barnard Castle Urban District Nurse	144	—	6	1
Total	225	12	6	1

APPENDIX III.

STATEMENT AS TO THE POSITION OF HOUSING SCHEMES IN THE ADMINISTRATIVE COUNTY OF DURHAM.

(Information in Cols. 7-10 inclusive supplied by the respective District Councils).

Sanitary District.	Private families and dwellings, Census, 1931.					No. of houses in course of construction.		No. of houses completed since 1919.	
	Private families.	Population in Private families.	Structurally separate dwellings occupied	Rooms occupied	Persons per room.	By Private Persons	By the Local Authority.	By Private Persons	By the Local Authority.
1	2	3	4	5	6	7	8	9	10
URBAN.									
Durham	3956	14669	3148	14849	0.99	—	100	58	320
Hartlepool	4780	19694	4114	16824	1.17	24	—	43	360
Jarrow	7718	31486	7400	23806	1.32	2	138	98	862
Stockton	16164	65703	14916	69079	0.95	188	336	2369	1851
Annfield Plain	3887	15854	3609	12576	1.26	4	20	263	448
Barnard Castle	1062	3686	1042	5050	0.73	17	—	130	25
Benfieldside	2060	8277	1985	7789	1.06	67	—	258	226
Billingham	4198	17782	4018	18392	0.97	35	18	2436	1068
Bishop Auckland... ...	3091	11670	2979	12693	0.92	28	24	224	—
*Blaydon	7618	31837	7131	25146	1.27	68	32	694	1088
Brandon and Byshottles	4031	17021	3887	14080	1.21	1	—	42	337
Chester-le-Street	3971	15960	3788	14205	1.12	47	39	772	893
Consett	2875	12132	2691	10420	1.16	56	76	180	711
Crook	2936	11570	2866	10528	1.10	12	—	90	228
Felling	6591	26885	6297	20584	1.31	13	62	282	1146
Hebburn	5551	23581	5133	16433	1.43	62	191	209	813
Hetton-le-Hole	4090	17590	3861	14273	1.23	3	99	206	728
Houghton-le-Spring ...	2544	10330	2423	8946	1.15	3	15	158	567
Leadgate	1441	6367	1365	4732	1.35	5	—	546	180
Ryton	3355	14068	3193	11812	1.19	25	—	377	410
Seaham Harbour... ...	4645	19115	3607	14993	1.27	1	119	572	1422
Shildon	3327	12665	3292	12731	0.99	—	—	81	126
Spennymoor	3881	15938	3703	14185	1.12	15	—	101	—
*Stanhope	442	1644	437	1814	0.91	4	16	8	1
Stanley	5956	24149	5434	19834	1.22	—	—	222	770
Tanfield	2272	9145	2176	7604	1.20	4	48	98	342
Tow Law	912	3535	898	2962	1.19	1	—	7	—
Washington	3844	16820	3709	13125	1.28	16	30	221	855
Whickham	5009	20289	4688	17550	1.16	61	78	885	922
Willington	2221	8946	2187	8102	1.10	4	60	49	312
RURAL.									
Auckland	13086	52795	12905	46534	1.13	47	—	336	177
Barnard Castle	2598	10045	2593	11335	0.89	9	4	83	28
Chester-le-Street	12462	52697	12026	43528	1.21	49	228	853	1515
Darlington	2163	8543	2110	10284	0.83	41	—	362	68
Durham	7524	30818	7203	26969	1.14	130	145	791	875
Easington	20068	87190	18276	67366	1.29	267	175	4082	2612
Hartlepool	760	3269	743	3601	0.91	2	—	89	—
Houghton-le-Spring ...	6539	27165	6316	22536	1.21	12	10	528	898
Lanchester	7676	32809	7451	26894	1.22	16	77	961	914
Sedgefield	7991	34235	7769	30188	1.13	29	212	620	1002
South Shields	5073	20133	4817	19737	1.02	43	—	1574	725
Stockton	1615	6466	1601	8266	0.78	45	—	233	—
Sunderland	4819	21231	4352	16137	1.32	6	—	142	650
Weardale	2266	8348	2264	8822	0.95	7	—	67	20
Totals	219068	904152	206403	787314	1.15	1469	2352	22400	26495

* No reply received this quarter.

APPENDIX IV.

BACTERIOLOGICAL EXAMINATIONS.

Table giving particulars of specimens sent for examination during the quarter ended 30th June, 1935. in accordance with the arrangements made between the County Council and the Durham College of Medicine :—

District.	Enteric Fever.									Diphtheria.			Tuberculosis.		Tuberculosis.*		Miscellaneous.†		
	Typhoid.			Paratyphoid.															
				A.			B.												
	Positive.	Negative.	Inconclusive.	Positive.	Negative.	Inconclusive.	Positive.	Negative.	Inconclusive.	Positive.	Negative.	Inconclusive.	Positive.	Negative.	Positive.	Negative.	Positive.	Negative.	Inconclusive.
URBAN.																			
Durham Borough	...	...	...	...	...	...	...	...	...	3	6	1	...	4	2	4	...	...	...
Hartlepool ,,	...	...	...	...	...	...	...	...	...	12	18	...	...	...	2	9	...	...	...
Jarrow ,,	...	...	...	...	...	...	...	...	...	3	10	1	1	6	2	26	...	...	...
Stockton ,,	...	...	...	...	...	...	...	...	...	4	8	...	4	37	4	47	...	...	...
Annfield Plain	...	1	...	...	1	...	...	1	...	4	13	...	...	6	...	6	...	...	...
Barnard Castle	...	...	...	...	...	...	...	...	...	...	1	...	...	3	...	2	...	...	...
Benfieldside	...	...	...	...	...	...	...	...	...	1	4	...	3	6	4	...	...	...	...
Billingham	...	...	...	...	...	...	...	...	...	3	3	...	...	1	3	26	...	...	...
Bishop Auckland	...	...	...	...	...	...	...	...	...	1	3	...	...	1	2	5	...	...	...
Blaydon	1	...	...	...	1	...	...	...	...	5	17	...	1	7	3	10	1	...	...
Brandon & Byshottles	...	...	...	...	...	...	1	...	...	8	18	...	...	1	1	12	...	...	...
Chester-le-Street	...	...	...	...	...	...	...	...	...	5	23	...	4	9	1	8	...	...	...
Consett	...	...	...	...	...	...	...	...	...	...	3	...	...	3	7	7	...	...	...
Crook	...	...	...	...	...	...	...	...	...	...	5	...	1	8	10	6	...	...	...
Felling	...	...	...	...	...	...	...	...	...	1	1	...	1	2	3	8	...	...	...
Hebburn	...	...	...	...	...	...	...	...	...	4	11	1	...	1	3	27	...	...	...
Hetton-le-Hole	...	...	...	...	...	...	...	...	...	24	19	2	...	3	1	13	...	...	...
Houghton-le-Spring	6	3	...	...	8	...	...	8	...	7	12	...	...	2	1	3	...	...	...
Leadgate	1	...	...	...	1	...	1	...	...	...	1	...	...	1	2	...	...	...	...
Ryton	...	1	...	...	1	...	...	1	...	2	...	...	2	2	...	3	...	...	...
Seaham Harbour	...	...	...	...	...	...	...	...	...	...	...	...	2	10	3	4	...	...	...
Shildon	...	...	...	...	...	...	...	...	...	1	4	...	...	1	1	6	...	...	...
Spennymoor	...	1	...	...	1	...	...	1	...	3	2	...	3	9	3	6	...	...	...
Stanhope	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...
Stanley	...	2	...	...	2	...	1	1	...	1	5	...	1	8	3	9	...	...	...
Tanfield	...	1	...	...	1	...	1	...	...	1	14	...	2	1	...	2	...	...	...
Tow Law	2	...	...	1	1	...	...	2	...	2	2	...	...	1	1	2	...	...	...
Washington	...	1	...	...	1	...	...	1	...	1	2	...	1	8	3	6	...	...	...
Whickham	...	1	...	...	1	...	1	...	...	2	4	...	1	7	1	9	...	...	...
Willington	...	...	...	...	...	...	...	...	...	1	3	1	1	1	...	1	...	...	...
RURAL.																			
Auckland	...	...	...	...	...	...	...	...	...	12	16	1	5	16	17	20	...	...	...
Barnard Castle	...	...	...	...	...	...	...	...	...	1	...	...	...	3	1	1	...	...	...
Chester-le-Street	...	1	...	...	1	...	...	1	...	12	25	1	5	7	2	32	...	1	...
Darlington	...	...	...	...	...	...	...	...	...	1	2	1	...	2	...	2	...	...	...
Durham	...	...	...	...	...	...	...	...	...	6	7	...	1	7	1	10	...	...	...
Easington	...	...	...	...	...	...	...	...	...	2	18	4	1	14	13	39	...	...	...
Hartlepool	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Houghton-le-Spring	...	...	...	...	...	...	...	...	...	14	18	2	1	3	1	17	...	...	...
Lanchester	...	2	...	...	2	...	2	...	...	8	9	5	1	1	3	16	...	...	...
Sedgefield	...	2	...	...	2	...	...	2	...	13	170	15	3	8	1	14	...	...	...
South Shields	...	...	...	...	...	...	...	...	...	5	1	3	1	4	2	5	...	...	...
Stockton	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	3	...	...	...
Sunderland	...	...	...	...	...	...	...	...	...	17	14	...	1	6	34	23	...	...	...
Weardale	...	...	...	...	...	...	...	...	...	...	5	...	2	1	1	4	...	...	...
Administrative Co.	10	16	...	1	24	...	7	18	...	190	500	39	49	221	142	454	1	1	...

* These are tuberculosis specimens taken at County Dispensaries, Hospitals and Sanatoria.

† This section is comprised of examinations receiving the special approval of the County Medical Officer for C. S. fluid and Diphtheria culture.

APPENDIX V.

Table giving the number of cases of infectious diseases notified in each sanitary district during the quarter ended 30th June, 1935.

	Smallpox	Scarlet Fever	Diphtheria	Enteric Fever	Puerperal Fever	Puerperal Pyrexia	Ophthalmia Neonatorum	Erysipelas	Pneumonia	Malaria	Dysentery	Acute Polio-Encephalitis	Cerebro Spinal Fever	Encephalitis Lethargica	Acute Polio-Myelitis	*Chickenpox
Urban Districts.																
Durham Borough	—	14	4	—	1	—	2	5	2	—	—	—	—	—	—	—
Hartlepool Borough	—	23	32	—	—	1	—	2	1	—	—	—	—	—	—	—
Jarrow Borough	—	14	4	—	—	1	—	8	51	—	—	—	—	—	—	—
Stockton Borough	—	62	12	—	—	3	2	5	42	—	—	—	1	1	—	—
Annfield Plain	—	16	35	3	—	—	—	1	5	—	—	—	—	—	—	—
Barnard Castle	—	—	—	—	—	1	—	1	1	—	—	—	—	—	—	—
Benfieldside	—	1	4	—	—	—	—	4	4	—	—	—	—	—	—	—
Billingham	—	15	19	—	—	1	—	3	12	—	—	—	—	—	—	—
Bishop Auckland	—	21	—	—	1	1	—	—	—	—	—	—	—	—	—	—
Blaydon	—	25	11	1	—	1	2	8	5	—	—	—	1	—	—	—
Brandon & Byshottles	—	41	20	—	—	—	—	1	1	—	—	—	—	—	—	—
Chester-le-Street	—	5	6	—	—	4	—	—	6	—	—	—	1	—	—	—
Consett	—	9	2	—	—	—	—	—	4	—	—	—	—	—	—	—
Crook	—	3	5	1	—	1	—	1	3	—	—	—	—	—	—	—
Felling	—	16	—	—	—	—	—	4	6	—	—	—	—	—	—	—
Hebburn	—	72	6	—	1	2	1	4	31	—	—	—	—	—	—	—
Hetton-le-Hole	—	24	34	—	—	1	1	3	14	—	—	—	—	—	—	—
Houghton-le-Spring	—	11	19	9	—	—	—	3	6	—	—	—	—	—	—	—
Leadgate	—	3	3	1	—	—	—	1	1	—	—	—	—	—	—	—
Ryton	—	9	2	—	—	—	—	4	1	—	—	—	—	—	—	—
Seaham Harbour	—	31	1	—	—	—	—	—	2	—	—	—	—	—	—	—
Shildon	—	11	15	—	—	2	1	1	7	—	—	—	—	—	—	—
Spennymoor	—	35	7	—	1	—	—	11	7	—	—	—	—	—	—	—
Stanhope	—	12	1	—	—	—	—	—	1	—	—	—	—	—	—	—
Stanley	—	10	25	—	—	3	3	4	7	—	—	—	—	—	—	—
Tanfield	—	23	25	1	—	2	—	3	7	—	—	—	—	—	—	—
Tow Law	—	4	1	1	1	—	—	2	5	—	—	—	—	—	—	—
Washington	—	20	10	—	—	1	—	3	7	—	—	—	3	—	—	—
Whickham	—	15	2	1	—	1	3	2	15	—	—	—	—	—	—	35
Willington	—	29	26	—	—	1	4	3	5	—	—	—	—	—	—	8
Rural Districts.																
Auckland	—	83	57	—	1	4	4	10	15	—	—	—	2	1	—	—
Barnard Castle	—	15	1	—	—	—	—	—	1	—	—	—	—	—	—	—
Chester-le-Street	—	71	25	—	—	3	1	6	26	—	—	—	1	—	—	1
Darlington	—	12	2	—	—	—	—	3	3	—	—	—	—	—	—	—
Durham	—	65	7	1	—	—	—	4	2	—	—	—	—	—	—	—
Easington	—	174	77	1	2	4	5	12	46	—	—	—	—	—	1	—
Hartlepool	—	—	4	—	—	—	1	—	2	—	—	—	—	—	—	—
Houghton	—	37	14	—	—	1	1	—	27	—	—	—	—	—	—	—
Lanchester	—	29	23	4	—	1	—	2	14	—	—	—	1	1	—	—
Sedgefield	—	196	50	—	—	4	1	7	19	—	—	—	—	—	—	—
South Shields	—	11	—	—	1	—	1	4	7	—	—	—	—	—	—	—
Stockton	—	9	3	—	—	—	—	1	1	—	—	—	—	—	—	—
Sunderland	—	25	37	—	1	1	2	3	22	—	—	—	—	3	—	—
Weardale	—	10	1	—	—	—	—	1	3	—	—	—	—	—	—	—
Administrative County	—	1311	632	24	10	45	35	140	447	—	—	—	10	6	1	44

*Not notifiable throughout the whole administrative county.

APPENDIX VI.

TABLE OF ATTENDANCES OF MOTHERS AND INFANTS AT CHILD WELFARE CENTRES.

CENTRES	No. on Books.				Attendances.								Consultations.							
					Number.				Average per Session.				Number.				Average per Session			
		Children.				Children.				Children.				Children.				Children.		
	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.
Annfield Plain ...	70	152	163	78	103	445	318	93	9	15	10	3	103	433	309	93	9	15	10	3
Barnard Castle ...	—	33	45	29	—	118	128	79	—	20	21	13	—	79	90	75	—	13	15	13
Billingham	48	128	167	161	66	456	385	228	13	25	21	13	66	273	200	120	13	15	11	7
Birtley	78	112	197	134	126	331	360	128	11	13	14	5	126	311	355	126	11	12	14	5
Bishop Auckland ...	66	136	198	171	112	451	495	203	9	13	14	6	112	399	443	192	9	12	13	6
Blaydon	78	87	132	80	139	250	250	112	12	18	18	8	139	250	250	112	12	18	18	8
Boldon	38	104	110	19	53	372	261	31	9	25	17	2	53	355	252	31	9	24	17	2
Brandon	24	109	101	63	19	283	176	91	3	23	15	8	19	278	169	91	3	23	14	8
Burnhope	5	32	38	9	3	103	70	13	1	17	12	2	3	103	70	13	1	17	12	2
Burnopfield	7	36	40	38	12	101	70	27	2	10	7	3	12	101	70	27	2	10	7	3
Butterknowle... ...	1	13	33	19	—	32	63	35	—	5	11	6	—	32	63	35	—	5	11	6
Castletown	8	31	53	32	6	65	99	36	2	16	25	9	6	61	90	35	2	15	23	9
Chester-le-Street ...	81	149	170	92	130	395	300	119	19	16	13	5	130	390	300	117	19	16	13	5
Chilton	15	35	40	28	28	120	120	67	4	8	8	5	28	120	120	67	4	8	8	5
Chopwell	53	84	81	78	76	282	133	100	11	11	6	4	76	282	133	100	11	11	6	4
Cockfield	6	22	34	23	5	45	63	26	1	6	8	3	5	45	63	26	1	6	8	3
Consett	51	186	165	106	56	535	238	98	9	21	9	4	56	511	233	93	9	19	9	4
Coundon	26	79	118	85	32	219	271	167	5	12	15	9	32	218	271	165	5	12	15	9
Coxhoe	19	74	67	32	24	244	114	51	3	17	8	4	24	243	112	51	3	17	8	4
Craghead	18	55	86	35	19	127	140	47	5	16	17	6	19	126	140	45	5	16	17	6
Crook	69	114	147	104	88	267	323	169	13	16	19	10	86	265	323	169	12	16	19	10
Dunston	74	92	123	68	167	305	227	87	28	19	14	6	167	305	227	87	28	19	14	6
Durham	79	146	169	81	90	377	267	108	8	14	10	4	90	343	250	103	8	13	9	4
Easington	31	104	142	169	49	313	187	74	8	16	9	4	48	291	184	71	8	14	9	4
Eighton Banks ...	—	21	34	19	—	74	60	30	—	10	9	4	—	70	60	30	—	10	9	4
*Eldon	1	47	38	9	1	47	38	9	1	24	19	4	1	46	38	9	1	23	19	4
Esh Winning	20	71	93	49	25	211	176	87	4	18	15	7	25	211	176	87	4	18	15	7
Felling...	94	192	218	134	177	483	442	221	13	40	19	9	177	483	442	221	13	40	19	9
Ferryhill	62	104	103	70	93	231	176	78	16	15	12	5	93	227	175	77	16	15	12	5
Gainford	2	8	13	11	6	25	21	16	1	4	3	2	6	25	21	16	1	4	3	2
Grange Villa	50	114	157	61	78	340	317	79	13	17	16	4	78	340	317	79	13	17	16	4
Haverton Hill ...	27	98	113	89	60	281	223	123	10	15	12	6	60	179	137	82	10	9	7	5
Hetton	50	171	173	97	105	466	270	96	15	27	16	6	105	454	253	89	15	27	15	5
Horden	104	194	158	160	172	475	190	126	14	23	9	6	172	407	174	122	14	19	8	6
Houghton-le-Spring ...	108	198	262	171	190	522	425	227	15	15	12	6	190	512	393	213	15	14	11	6
Lanchester	8	22	25	17	7	68	68	19	1	11	11	3	7	67	68	18	1	11	11	3
Langley Park... ...	17	40	55	28	23	103	90	34	5	10	9	3	23	98	86	34	5	10	9	3
Marley Hill	6	19	21	5	3	55	25	4	1	11	5	1	3	55	25	4	1	11	5	1
Middleton-in-Teesdale	4	11	27	7	3	20	26	12	1	4	5	2	3	20	25	12	1	4	5	2
Middleton-St.-George	7	13	28	26	7	45	95	63	2	6	12	8	7	16	39	23	2	4	10	6
Murton	60	111	120	58	77	273	151	50	11	16	9	3	77	240	144	47	11	14	8	3
New Herrington ...	21	108	97	41	22	261	160	24	4	26	16	3	22	233	143	23	4	23	14	3
Rowlands Gill ...	52	84	103	80	74	277	237	104	12	14	12	5	74	277	237	104	12	14	12	5
Ryhope	22	91	74	65	28	355	127	66	4	27	10	5	28	261	122	62	4	20	9	5
Ryton	31	96	96	44	40	340	183	84	6	18	10	4	40	340	183	84	6	18	10	4
Sacriston	30	74	118	85	60	257	237	123	9	14	12	6	60	243	215	120	9	13	11	6
Seaham Harbour ...	104	251	293	173	122	674	511	193	12	20	15	6	117	648	503	193	12	19	15	6
Sedgefield	11	32	39	15	6	48	38	19	2	8	6	3	6	48	38	19	2	8	6	3
Sherburn	19	39	45	12	36	124	87	16	5	18	12	2	36	119	87	16	5	17	12	2
Sherburn Hill... ...	5	23	22	14	5	88	28	12	1	12	4	2	5	88	28	12	1	12	4	2
Shildon	48	112	193	89	76	433	429	81	13	14	14	3	76	409	413	79	13	13	14	3
Shotley Bridge ...	9	56	80	45	8	175	169	75	1	9	8	4	8	175	169	75	1	9	8	4
Shotton	31	126	108	166	53	311	144	75	9	17	7	4	53	304	143	73	9	16	7	4
Silksworth	14	80	92	80	17	375	222	143	3	19	11	7	17	315	183	125	3	16	9	6
South Hylton... ...	14	38	45	32	20	75	62	38	5	19	15	10	20	62	57	34	5	15	14	9
South Moor	—	65	103	53	—	193	226	59	—	11	13	3	—	193	226	59	—	11	13	3
Spennymoor	95	179	172	124	156	448	367	152	13	12	9	4	156	445	366	151	13	12	9	4
Stanhope	7	16	23	13	8	46	51	33	2	12	13	8	8	46	51	33	2	12	13	8
St. John's Chapel ...	3	15	19	14	2	27	26	12	—	5	4	2	2	27	26	12	—	5	4	2
Swalwell	25	51	51	17	34	156	107	27	5	11	8	2	34	156	107	27	5	11	8	2
Tanfield Lea	36	48	53	46	41	141	92	30	7	12	8	2	41	141	92	30	7	12	8	2
Thornley	18	60	48	24	39	156	89	21	6	11	6	2	39	153	87	20	6	11	6	2
Tow Law	12	21	55	45	13	36	85	62	4	6	14	10	13	36	85	62	4	6	14	10
Trimdon	49	77	66	24	89	207	88	27	13	30	12	4	88	183	78	23	13	26	11	3
Washington	75	172	211	139	101	470	386	220	17	26	22	12	101	437	355	198	17	24	20	11
West Auckland ...	21	77	128	65	18	224	308	143	3	11	16	7	18	223	307	142	3	11	16	7
West Stanley... ...	64	119	147	64	111	324	255	60	8	16	13	3	111	324	255	60	8	16	13	3
Wheatley Hill ...	11	49	34	18	7	85	39	12	1	9	4	1	7	85	39	12	1	9	4	1
Whickham	12	23	37	12	18	62	66	21	4	13	13	4	18	62	65	21	4	13	13	4
Whitburn	4	21	34	25	7	64	81	27	1	11	14	4	7	55	68	21	1	9	11	3
Willington	23	60	61	25	28	116	114	47	5	11	10	4	28	114	107	41	5	10	10	4
Wingate	36	93	100	36	61	260	203	33	9	14	10	2	61	256	203	33	9	14	10	2
Winlaton	60	90	118	91	96	245	258	132	19	13	13	7	96	233	243	125	19	13	13	7
Witton Park	24	51	57	51	32	144	125	74	5	12	10	6	32	140	122	74	5	12	10	6
Wolsingham	3	20	17	10	6	41	35	5	2	10	9	1	6	41	35	5	2	10	9	1
Wooley Terrace ...	7	22	26	17	13	60	73	27	3	6	7	3	13	57	72	26	3	6	7	3
Totals	2561	6086	7222	4599	3877	17253	13559	5740	7	15	12	5	3868	16193	12800	5401	7	14	11	5

* New centre opened 13-6-35.

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